



*Centers for Disease Control and Prevention  
Roybal/Clifton Road Campus, Atlanta, Georgia  
January 7-8, 2014*

10:35 to 10:45am	Morning Break	
	Speaker	Topic
10:45am	Darren Drewry, NASA, AIRS Mission (Atmospheric Infrared Sounder Mission)	Remote sensing and vector-borne disease (dengue).
11:00am	Hosni Ghadira, Madsar Institute, SMAP EA	Mapping the extent of Saharan dust emissions using SMAP soil moisture product
11:15am	Ashutosh Limaye, SERVIR (SERVIR is a Spanish acronym for “Regional Visualization and Monitoring System”)	SMAP data in SERVIR regional data system
11:30am	Johnathan Case, SPoRT, SMAP EA (Short-term Prediction Research and Transition Center)	Data assimilation of SMAP observations and the impact of weather forecasts and heat stress
11:45am	Panel: Questions and discussion on NASA health applications research and presentations	
LUNCH 12:00-1:30pm at CDC Lunch Facility Posters Displayed During Lunch		
CDC research presentation topics and panel discussion Identifying challenges and addressing where there are needs for data		
1:30pm	TBD, CDC	West Nile Virus, mosquito borne diseases
1:45pm	Ben Park, Medical Epidemiologist, CDC, National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Division of Foodborne, Waterborne, and Environmental Diseases (DFWED), Mycotic Diseases Branch	Mycotic Diseases, Coccidioides
2:00pm	Michael Beach, Branch Chief, CDC, NCEZID, DFWED, Waterborne Disease Prevention Branch	Climate sensitive issues associated with recreational water use
2:15pm	Hugh Mainzer, Deputy Associate Director, CDC, NCEH/Agency for Toxic Substances and Disease Registry (ATSDR), Office of the Director, Office of Environmental Health Emergencies	Drought Response Workgroup
2:30-2:45pm	Afternoon Break	
2:45pm	Scott Dunbar, SMAP Mission	SMAP data products
3:05pm	Gary Curcio, U.S. Forest Service, SMAP EA	SMAP soil moisture data to assess the wildfire potential of organic soils on the North Carolina Coastal Plain
3:25-4:30pm	Panel/Group discussion: Connecting the CDC projects to NASA Products How can new mission data address the challenges and concerns presented?	
4:30pm	Day 1 Adjourn Poster Session to be held prior to Social Dinner (TBD)	

Day 2 Wednesday, 8 January 2014		
8:30am	Registration and Coffee	
	Speaker	Topic
9:00am	<b>Vanessa Escobar</b> (SMAP Applications Deputy Coordinator) (20 min)	<i>Welcome. Breakout sessions. Connecting the mission to thematic health topics (identified by CDC). Review Day 1.</i>
9:30-11:00am	<b>Breakout Group Topics: Climate, Vector-borne Diseases, Zoonotic Diseases, and Hazards.</b> <i>(Groups Thematically Co-led by 1 CDC and 1 NASA representative in each group - Leaders tentative).</i> Breakout Sessions in four different application groups: <b>(1) SMAP and Climate (heat stress, drought) (Room #)</b> <b>(2) SMAP and Vector-borne Diseases (Room #)</b> <b>(3) SMAP and Zoonotic Diseases (Room #)</b> <b>(4) SMAP and Hazards (flood, waterborne diseases, and fires) (Room #)</b>  <b>Charge to the breakout groups</b> <ul style="list-style-type: none"> <li>Identify primary products, institutions, and organizations within application areas that could benefit from satellite observations</li> <li>Describe research requirements as it applies to CDC</li> <li>Identify data challenges and needs (resolution, format, latency, <i>access</i>, etc.)</li> <li>Define next steps forward for each application group and <i>Identify potential partners.</i></li> </ul> <i>(A 15 minute break will be taken at the end of the break out session)</i>	
11:15am-12:00pm	<b>Vanessa Escobar</b> and Breakout Group Leads	Report back and identify potential partners and 3 action items per breakout group
<b>LUNCH 12:00-1:30pm at CDC Lunch Facility</b> <b>Posters Displayed During Lunch</b>		
1:30pm	<b>Lina Balluz</b> , Branch Chief, CDC, NCEH, DEHHE, Environmental Health Tracking Branch	<i>Data sharing-How to get NASA data to the CDC</i>
1:50pm	<b>Andy Dent</b> , Program Director, CDC, ATSDR, Division of Toxicology and Human Health Sciences, GRASP	<i>Geospatial Research, Analysis, and Services Program (GRASP) and GIS at CDC</i>
2:10-2:50pm	<b>Plenary Session</b> <i>Linking SMAP related products to CDC objectives</i> <i>How can SMAP help improve applications within CDC</i>	
2:50pm	<b>Vanessa Escobar</b>	<i>Closing, take home message, review actions from meeting</i>
3:00pm	Day 2 Adjourn	